#  <br> No. 29,218 <br> EUROPE'S BUSINESS NEWSPAPER <br> Thursday January 121984 <br> D 8523 B 




## PRESIDENT SUPPORTS ENTRY BY SPAIN AND PORTUGAL

## Mitterrand plans tour to press EEC bid for budgetary reform

## by david housego in paris

President Francois Mitterrand will give fresh political impetus to the European capitals starting early next month.

| terday he would take charge of the negotiations which France intends should result in an agreement at | ATTACK BY GISCARD | political dimension which was ing at Athens and which led to breakdown of the summit |
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|  | France." Prge 16 |  |
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| into the EEC. He told |  | Mitterrand's support |
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| no adme proe |  | , |
| the Community, | tem of special councils which pre- | ating position of Mrs Thatcher. |
|  |  | In visiting West Germany first |
| of the Community in advance of the |  | Freach |
| mmit which could de- | complicated the lssues hy | EEC compromise must lie in Franco-German understanding. |
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## Israeli Cabinet near

 budget cuts accord
## by david lennon in tel aviv







| Europe ......................... 22 |  |
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Editorial comment: Central
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## Madrid shakes up military

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 country's new top armed frines job.
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 strengthen the hand of the new F. cent drop in exports and a 4 per
nance Minister. he still faces the cent growth in inports. Admiral Angel Liberal Lecini, a
former undergecretary at the Min
istry yof Defence duruing the last cen-
trit
 The Cabinet yesterday also Monetary eumbs delayed, Page 2

## Nigeria seeks to <br> assess

trade debts
By Tony Hewkins
In Lagos

## N g c then 0 o $e$ <br> $\underset{\substack{\mathrm{Ni} \\ \text { cin }}}{ }$



## U.S. rebuffs Europe's call to cut deficit

BY OUR FOREESN AND ECONOMIC STAFF



Mitterrand appears to rule out major changes in cabinet


Italy puts off action on budget deficit

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COALITION GAINS ELEVEN SEATS BUT NOT ENOUGH FOR AN ABSOLUTE MAJORITY
Election fails to cure Denmark's

## Finance Bill headache




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GNERAL LECTION RESULTS


Jailed Glistrup returned to Parliament



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## IMF credit Haste brings problems for Soviet gas pipeline in Belgrade <br> 



Spanish monetary curb delayed
bY DAVID WHITE $\operatorname{IN}$ MADRID

| monetary growth in Spain by immobitisling a larger share of hanks' funds bave been delayad by almost e week hecause of e bureaucratic slip-up. | of the Socalitst Governeat indion down to 8 per cent this year, cioser to ceeth an official rste of about 12 per cent last year. | supply calculations ont of joint The total of compulsory place at the Bank of Spain wil initially he raised to tha new maximum legal limit of 20 per |
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| stricter rules, which | They lavore a reform of tha |  |
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| puhishad last month in the | volume of new money market |  |
| dill |  |  |
|  | put tha Government's money | ${ }_{13.5}$ per cent. |

## French action on Eta welcomed



## Swedes reject cut, approve thrust, in attack on budget deficit



Kevin Done reports on Stockholm's budget, moving against the trend





Soviet Union 'builds another SS-20 site'.
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our middue eat staff

## Howe emphasises role of PLO



## Order to deploy Lebanese army revoked at last minute

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## Brain drain threat to high-tech Taiwan

Malaysia approves planning review

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 Record surplus for Taiwan


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## WORLD TRADE NEWS

## Nippon Steel to boost output

 in bid to counter rising imports

Hong Kong export credits loss


## Japan 'to rely less on Australia'



## U.S. asked to clarify computer

 sales curb By Christinan There, Trade.EditorTHE US. Commerce Depart








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Rolls-Royce faces tough competition on orders, Michael Donne writes

## Boeing engine battle grows



## Tebbit lobbies for UK contracts in India



## Ford may $\mid$ Enterprise Oil float $\mid$ British coal industry 'will not hits Amoco snag


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Pit ban likely to stay
BY DAVID BRANDLE
LEADERS of the Natione

 National of Coal Board
Menbers of the NMM executive not mind if the action continued in-
dee expected to offer no substantial so high. because coal stocks are

## UK NEWS

> Sharp rise in industry's raw material costs

## domesia lift

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## Steel unions may set output quotas

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Singapore metro bid


## BT to make low-cost telephone receivers

## BY GUY DE JONQUERES

BRITISH TELECON (BT) will sir, plant is one of hall a dozen BT facfacturing whene it launches a low. cost texlephone reeeiver next week Iswte we the irst retail product the
state teleconamunications
has desi

 equipment tor it tit move into man its cummercial independenree ahead
 inn will sell for coc.95 (about $\$ 422$ ).
 it wirl be made by BT at. a plant
ories, which are mainly involved in ring acd maingrining equipment already in seerice. Allson Hogan writes: British $\mathrm{T}_{e}$
lecom y esterday named Cazenove
and
 its privatisation. The company also
informed Greenwell, another Loninformed Greenwell another Lon-
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davise BT from time to time. adrise ET from time to time.
Cozenove and S. W. Warburg Cozenove a and S. G. Warburg. mill advise BT on its conversion into a public Limited company.
The British Government an
nounced on Tuessay that Hoare C . nounced on Thessday that Hoare Go advise the Department of Trade
and Industry on the BT sale as lead
Stockboroker and mercbant bank reackbro

## Getting oil out of Britain's waters isntourbusiness.



## Getting waterout of Britain's oilcertainlyis. <br> Anyone who thinks oil and water simple but it isn't <br> The problem was how to get at it.

Our solution was toapply theprinciples of detergent technology
don't mix should try exploring for oil.

Oly $10 \%$ Each crude oil type requires a specomes out of the North Sea is clean.

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ats dirty, either. water, but quite another to separate oil
rock. And, quiteliterally flush the oil out. Practical tests in the oil fields have
Any new demulsifier we develop is shown our technique can actually imtested in the field by our own engineers. prove oil recovery by up to $20 \%$.

Not only in the North Sea but in We'd never claim to be oil men
But the oil men couldn't get by without our chemistry

Were spending $£ 1$ million a day
Its one thing to separate oil from Were spending $£ 1$
Yard workers would end demarcations to save Britoil order by mark meredth, scotrish correspondent


| Company status for <br> state arms <br> factories <br> By Lymton McLain <br> ROYAL ORDNANCE Factories (ROF), which supply weapons and vices, are to be split into four trading companies before the sale of its The to the privake sector. tion small arms fiehting vehicles and weapons and rocket motors. <br> Mr John Lee, under-secretary for defence procurement, said yester open mind on the form privatisation might take. <br> More than 18,000 workers at the ROF plants throughout Britain al preparing for a one-day mation They are oppposed to the privatisation plaus. <br> The walk-out will coincide with the second reading of the Ordinance Factories and Military Services Bin in the House of Commons. The Bill allows for the change in status of the ROFs. <br> Private sector companies with interests complementary to those of the ROFs incluce United Scientific figbting vehicles; Sterling Armamant in small arms and British Ang in weapons and rockets. |
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## SDP to consider European Assembly selection methods

by peter riddel, polmical edtor


Tea prices to rise by further $10 \%$
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## Lloyd's to bring in further rules to curb market abuses

## BY JOHN MOORE, CTY CORRESPONDEENT

MORE RULES to regulate the number of members of hloyds ahuses by the market's professsion- an investment in the market and ahr
woil told the conference that there
stratc bee n further development of



## High Court delays anti-trust action



City venture capital backs robot company
bY dAVID FISHLOCK, SCIENCE EDTIOR
THE CITY of London is puting up mated The first called Mete Torch,
nearly 8800,000 to help ressarchers
will be applicable to the kind of arre
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telligent robotos.
The company, Meta Machines, The idea is that a
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The company
Te company has no direct
competior in the hK, but wine be
competiong with Automatix in the


## BT claims lead with

 new fibre optic link

THE ARTS


Haydn \& Schumann/Barbican Hall Dominic Gill



## Triple bill/Sadler's Wells <br> Clement Crisp



Treasured Possessions/Sotheby's The fruits of fortune


A family portrait by Zoffany, from Rockingham Castle

## The range in house is wide, matic self-pnruait of the Neo- portraiss range from a charm Teching from the grand Ducai politan arist Giordano. and a ing Zoffany conversation piee



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| $\frac{\text { Foolsfire/Riverside }}{\text { Martin Hovle }}$ |
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Foolsfire: a likeable American trio-part of the Londoa International Mime Festival

Henry Gilhs of Sheldon in rom contemporary anists in

 painted: From Burton Constahle
Hall in Hhumherside comes an
extic chair wih




 eloped into his Banqueting
House ceiling. and a
it is the curiositics which , put
Bute House ceiling, and a Batonit, but
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the display iss appeal. A Bur-







 Slonor Park.




## 'Jean Seberg' to

 leave National













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Financial Times Thursday January 121984

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Thursday January 121984

## Kissinger backs Reagan

## A future for British coal



## 


U.S. MOTOR INDUSTRY

Slim lines and fat profits . . .
By Terry Dodsworth in New York


## . . . but the Japanese are winning the small car battle

| FOR ALL its corrent bout of hnhhiligg enthusiasm, Detroit a convincing answer to the most tantallising question about its future: can $1 t$ produce a small car to take np Japanese? <br> It is painfully obvious that, for the time being at least, winuing the contest hands down. Nzell prodncts hate U.S. small car market, and which sets a firm ceiling on 2 year) they wonld certalnly have mnch more, "Imports 40 per cent of total car sales if all restrictions were lifted, ${ }^{\text {² }}$ head of Ford's U.S. car sales -and his estimate is a very The latest demonstration of | the U.S. industry's weakness in this field is the agreement Toyota on a jolnt small car assembly project In Cailfornja. a way of learning more ahout Japanese methods-the plänt will he ran by Toyota and the car based on a Japanese design, while GM takes an eqnal share of the profits. Bnt a true Pandora's hox. GMS competitors are inrions with their heavy. welght rival, and It is not dificult to see why, If GM goes down the Toyota collaboration ronte, thas rednc- lag lis front end investment lig lts front end investment have to fotiow In some way, In . hrokea out between these three, GH bas been eccused of selling ont comptetely on small ears, and both lis com- | petitors have warned that they are unikely to put np more money tn the sector in the U.S. until the issue ts clarified. "We are stadying every option availabe zenton cantionsly. One of these optlons womld be for the other panles to play the Japanese card as well-a strategy on emharked this week with its expansion in to be produced in the $\$ 500 \mathrm{~m}$ plant will he designed with the collaboration of Toyo Kogyo, the which Ford has a 25 per cent stake, while aromid 90,000 to the U.S <br> Ford clajms that the investment is based purely on lts Mexican Covernment's "o dollar in, dollar ont " policy of matntalning at the worst a | neatral balance on its ear trade, hot lt clearly helps the U.S. company in the smail car hattile. <br> Over in the GM camp, a attack has reeen mounted agaiost the eriticisms with the annorncement of a new long. term small car project coae interest lles in GM's decision to hreak with much of its cars in the US. The company says that it is remodeliling its ideas from the ground ip tin ideas rrom the ground asembly methods and workforce While thls revolntionary with considerahle scepticism elsewhere, GMrs move to split its car activities into laro vehicles undonhtedly adds weight to its new approach It means that responsihlity | for small car design, manufac. turing and marketing will be than in the past. <br> This squahbling among the hig manufacturers bas proved the trade press, bnt it also ralses a serious- pofat. For a company like Chrysier. which is sud togning lesser extent for Ford, it is crucial to present a multed U.S. front rules of the trade game can industry an easier target. "We are not competing on a level playing field at present," says Mr Richard ordesden, fraing department. <br> The argument over mofair valine of the dollar amd the way the Japanese tax the cars they export It is broadly | accepted that the Japanese manafactarers can land a car in the U.S. market for about 20 per cent less, at cost price, twandurds of this difterential, Skys Detroit. comes from clrecumstances outtide lita convaluation of the dollar, and another third from the lenien Japanese tax rules on pazan The manofacturers contenal with the prodncilon eficiency differentral of around $\$ 600$ to s700 on each smand efrectively take on the coun Japanese: productivity is is probably rising more rapldy at the moment than at any time since the last war. But to win the arguments on the dollar and tar, thes need to speak with a unlted voicea forlorn hope now that Gy has hroken rankss |
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# ECONOMIC VIEWPOINT <br> The problem of competitiveness 

By Samuel Brittan
battlk


UK COMPETITIVENESS INDICES






Lombard

## Small business:

 time to rethinkBy Tim Dickson






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## Letters to the Editor

Governments, trade unions and voluntary codes




Bafiled by th


## The Ebic banks bring strength and experience to your financial operations

 South Korea rejects tripartite talks offer


BY JUREK MARTIN, FAR EAST EDITOR, IN SEOUL


More French steel and coal jobs cut
by david housego in paris
FURTHER largesceale redundan- sectors of French industry as the
cies in the French stee and onal in-
Covernment pusbes through its re


## Giscard makes angry

 attack on Mitterrand
## by david housego



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## Madrid shakes up its

 top military hierarchyConanued from Page 1

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 Peralba, a close associat
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the senior air force post

## World Weather



Nigeria seeks to assess trade debts


## Tension eases as production resumes

## at Poissy

 By Paul Betts in Pariswork resumed yestercay at the
roubled Talbot car liant at Poisy
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SECTION II - INTERNATIONAL COMPANIES FINANCIALTIMES

Thursday January 121984
U.S. OIL GROUP CONTINUES WITHDRAWAL FROM EUROPE

## Kuwaitis buy Gulf Italy assets



Murdoch
sued by Warner



| doch $\begin{array}{l}\text { Wroup } \\ \text { Warner said }\end{array}$ |
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a Delaware district cuart against
Mr Murroch. News
Hotdin


## U.S. glass maker to acquire 48\% stake in Spanish group


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Harners deal with Cruiscraft foe


## Share sale

 plan for Burmeister BURMEISTERE \& Winin be Copoenhoping to gel cotime covesemzeen shipyard bee



Crucial stage for Hanomag By Jonathan Car in Frankturt HANOMAG, tee West German con-
stuction machiner company
wich is part of the stricken iBH group, is issuing precaationary lef The
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Dow Chemical banking units to be regrouped

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| Dow Chemical's interest in Dow |  |
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Fourth-quarter profit for Kaiser Aluminum


| arnings surge first quarter <br> Terry Byland In New York prosit was reported for the Eirst uters, systems and software over the past three years 6 m for the quarter and ne ings of 30 m or 36 cents a $\qquad$ <br> uct overseas, with Europe an riant market, says it is beneft rom the recovery in |  |
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Big gain for Daisy Systems | By Leulse Kenne |
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| m San Fracties | DAISY SYSTEMS, the computer

aided design work station manufac

 1983 and an increase of 78 per ceol
over revenues for the quarter end-
in September 30.
Income grew




## Fabrique

 Nationale to seek job cutsEy Paul Cheosenght in Brussels FABRLQUE NATONALE the Bel.
Biar anms and aeronauthes rivip,
sarts negotitions tody with the trade unions on how to reviuce the
size of its workforee so it can tind a balance between the number of
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 Some 450 people are expected to
leave thriug natura wastage and existing early retirement plans.
The company wants to settle
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Disclosure of these plans came as
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 FN expects propucction and sales
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## Lower fuel costs and cutbacks enable Air France turnround

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| French expansion for Stet electronics unit BY DAVID MARSH IN PARIS |
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## Rey pulls

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## Ford to make Japanese designed car in Mexico

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| FORD MOTOR Company is to build a 5500 m plant in north Mexico to | form joint ventures in a minority position | 1987 to reduce theit production to just one tipe. Exceptions will be |
| produce a small car designed by | Ford's decision is seen as part of | granted only where the |
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| ae car, a sporty | Mexican ments. Gvernment requ | be |
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| expected to start in 1.986 with an an- |  | Ford was considering building the |
| Mr Mr oscar Marx Ford's manaciog |  |  |
| director in Mexico, | upon imports and make it more internationally competitive. Mexico's | dustrial complex and port in Portu. |
| would use the most modera echno. |  |  |
| Mexican motor industry to become | and tuck sales to drop by | Ford decided against the project |
| more efficient The plont will be 100 per cent | ${ }_{1983}$ |  |
| owned by Ford, althougb Mexici's | Under a recent decree introduced | but promised to ${ }^{\text {reoppen }}$ |
| moreign inves foreign comngnies | Ministry, car producers have until | capa |

## Bank Bumiputra inquiry set up



Benetton sales advance

## By James Buxton in Rome

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bas ebout 40 shops.

Takeovers boost Mellon income

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This anncuncement appeans as a matter of recorid only

## The Hoover Company

has acquired the outstanding minority interests in its subsidiary

## Hoover ple

The following acted as advisers to The Hoover Company:
Lazard Brothers \& Co., Limited Lazard Frères \& Co.
C.V.G. Siderurgica del Orinoco C.A. (Sidor)







## Weeky net asset value

$\square$ Tokyo Paciic Holdings (Seaboard) N.v.
$=$ Listed on the Amsterdam Stock Exchange

U.S. $\$ 30,000,000$


ZENTRALSPARKASSE UND KOMMERZIAIBANK-WIEN

Floating Rale Subordinaled Notes Dus 199 In accordence widh he provisions of the Noies, notice is



Creait Suise First Baton Limited


## U.S. gate array market widens for Fujitsu <br> ar house keioe in san rancisco



The Development Fund of Iceland

Guaranteed by Republic of Iceland
Yen 5,000,000,000
Term Loan

Lead Managed by:
The Sumitomo Bank, Limited
Citicorp Capital Markets Group The Hokkaido Takushoku Bank, Limited The Meiji Mutual Life Insurance Company The Mitsubishi Bank, Limited

Managed by:
The Fuji Bank, Limited
Manufacturers Hanover Trust Company, Tokyo Branch

Provided by:
The Sumitomo Bank, Limited
Citibank N.A.
The Hokkaido Takushoku Bank, Limited
The Meiji Mutual Life Insurance Company
The Mitsubishi Bank, Limited
The Fuji Bank, Limited
Manufacturers Hanover Trust Company, Tokyo Branch Westdeutsche Landesbank Girozentrale, Tolyyo Branch


The Sumitomo Bank, Limited

## INTL. COMPANIES \& FINANCE

Bernard Simon on the aftermath of an SA corporate upheaval
Hotel gives Southern Sun a chance to prove it has weathered the storm

## INTERNATIONAL CAPITAL MARKETS

It is proposed to publish a survey on the International Capital Markets on Monday 19th March, 1984.

Subjects to be covered will include the following: Introdüction. Persistent high interest rates and the payments problems of The total volume of new bond issues failed to reach 1982's record, while business in the eurocredit market slumped dramatically. Nonetheless both markets are
seeing some radical innovations as participants struggle to adapt to the changing

The world economy
The outlook-for interest rates and exchange rates
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For further details and advertising rates please contact: Guy Mainwaring-Burton
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## APPOINTMENTS

## Executive moves at Allied Breweries




 to prove that lit has weathenead
one of the most spectacular
orpor




Bank Negara warns Malaysian commercial banks against extension in property loans



## UK COMPANY NEWS

Associated Dairies jumps to $£ 49 \mathrm{~m}$ at interim stage


UK rise bolsters Utd. Packaging


...poised for an exciting future"

Highlights of the 1983 results are:
ICL Pre-tax profit up 92\% to $£ 45.6$ million.
ICL Turnover up $17 \%$ to $£ 846$ million.
ICL Earnings per share doubled.
ICL Borrowings halved to $£ 86$ million.
ICL Shareholders' funds doubled to $£ 232$ million.

| ICLIInfopoint <br> ICL. House, Putney, London SW15 15W |  |
| :---: | :---: |
| Please send me a copy of the 1983 Report \& Accounts |  |
| Name | For a copy of the Report and Accounts please use the coupon or dial 100 in normal business hours and ask for Freefone ICL. |
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| - $\mathrm{Fr}^{\text {¢ }}$ | We should be talking to eachother |



Bespak soars $53 \%$ midway and trend 'still upwards'


Pyke rises and pays 3.5p


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Ellis \& Everard calls
for $\mathfrak{£ 4 . 4 \mathrm { m } \text { as profits } , ~}$
jump 26\% to $£ 1.16 \mathrm{~m}$

Rayford exceeds forecast





Bluemel Bros. optimism



## Accountancy Appointments

## Accounting Director



## Young <br> Management Accountant

for a major international computer manufacturer c.El2,000p.a.

Asthe word's. No: acomputer manumacturer


 manayeement team rosengible tor our
 revenue, external profit before tax and
accounts receivable analyses and forecasts occouns is acesmall, informal teand whecasts you will be expected to commanicate and present to management at all levels.


## Audit Manager

## C. Lomdar $\quad t \pm 15,0$ 0日

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elarger firm to aconishem thalt com. Exccilopr opporitunicy wo
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| We are looking for high celibre graduate acoulanis from well run organisations in the private or the public sector, 10 join our UK onsul laney practioe based in | We are looking ior outshnding individuals and our remuneration package - which at appropriate gradks indudes a car-is designed accordingly. Career prospects anc excellent |
| :---: | :---: |
| Londor. | Please urite, quoing referen |
| The work is varied and ranges from helping to develop business stralegies 10 designing and deeverep ening compurer based financial planning and control systems, for all types of enterprises in | Me JH. Cone? Peat, Marwick, Mitchell \& Co., Mausement Consuhtanks, 165 Qucen Victoria Strect, Blackfiarr, London EC4V JPD. |
| Of particular interest tous at this time are people from the manufacturing, oil. high technolegy, retail and kanking induśsines. | PEAT MARWICK |

## Group Financial Director

## Richmond <br> £27,500 + car + profit share

 in excess of $£ 2$ 2 million A commerceialir-minded
 field; age indicaror $35-45$ years. Reporing to the Goup Nimagning
$\star$ Effective tax planning.
$\star$ Concolling cash borrowings and negociating facilines with tinancial inssitutions and monitoring their use $\star$ Involvement wish supervising investigations on prospective acquisioons and negociaing disposals
For che successful applicant the remuneration pactage is highly atrractive and indudes equiry partionarion and apmofit share Candidat
Candidates should witite eo Nigel Hopkins, FCA, endosing a compreherisive curriculum vitae, quotingref. 963 at P.O. Box 143 ,
31Southampron Row, London WCIB 5 FL .
Tr
Michael Page Partnership
Intermational Recrutnew Kork
Lonsuntants
Birmingham Manchester Leeds Glasgow

ACCOUNTANCY APPOINTMENTS APPEAR EVERY THURSDAY
RATE £34.50 per single colurum centimetre

## Chief Accountant

Central London
c. $£ 15,000+$ car

Our dient, a hiddy profitable intermarional consumar producas sroup, sedsa a Chief Finanncial Conrouller, this role encompasses a wide range of faccoouning taskssin suppoort of omestic and worldwide rexail and wholesale actividics.
 computerb based accounting systems Furthermore, exposure to a progresive commercial Mvironument 10zecher with foreign currecy wansuctions is highly desirmble Woording positive contribution within duis develop ing $y$ roup are viral factors. The negotiable slary is accompanied by a comprehersive benefits paclage and excellent



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to late 20 's, to gain experience in troat line investigation and assessment of companies in the
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## Financial Manager

Borehamwood,Herts cf17,000+car






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A leading company in the financial sector needs an experienced and capable manager to take responsibility for the accounting and Reporting to the Finance Director and Company Secretary, the responsibilities will include:

- managing the accounting and secretarial functions
- ensuring that an effective system of management accounting
And
- preparing the Annual Reports and Accounts

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\begin{aligned}
& \text { Candidates should be Chartered Accountants with sound experience } \\
& \text { in accounting and sacretariel metters, ideally gained in the finencien }
\end{aligned}
$$ sector. The salary is about $£ 17.500$ and there is a car as well as attractive fringe benefits, including non contributory pension schem Please send a comprehensive career reesumē including salary history and day-time telephone number, quoting ref: 2143, to W. L. Tait Touche Ross $\mathcal{E} \mathrm{Co}$, Management Consultants Hilt House 1 Little New Street London

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Theynow seck a qualifed accoumant with several years post qualificaoon experience in systems development and orcomputer audit to oiom a small multidisiscipline team reviewing the development and operation of turopean
systems
The succecssfil encumbent's concibution will be e he appraisal of fontrols re existing/ Froposed systems and hardwaree: togechererwin operational procedures and support work for line manageemen. A positive commercial atuitude is sesential as s sthe ability to win the confidence of senior management and torelare Candidates should witt Binninghama $\mathrm{B2} 5 \mathrm{~S}$ P.

## International Service Organisation

 Chief Accountant c. $£ 18,000$West London

 must achiewe a balance between constrol and service. Following in intemal promotion, the Director of Group Accounting warts to appoint a new young Head Oill inued grow of the business that we offer no apology for a tigh Youill be an ACA and preferbhy grraduate, aged between $28-34$ with a
 hyve worked wit multicicriency accuarridg reorards. Heaving proved positive in its oum tight buit must also be judged
prospects it offers $y$ ou as an ambilious achiever
To find out more contact Richard Golde on (0992) 552552 or wite to The encoisingo brief CV, at Maccmanan Davies Personnel



CentralLondon


## CHIEF ACCOUNTANT

The Snctal Workers Pensing Fund is a eentralised fund
with gecoo members and over 300 participatiog yoluurary

 programming and ssstems developmeot is carried out
tohouse. Reporting 1 Reporing in the Fund Manager, the Chief Accountant will
be responstbit for all financial and management accounting. systems initiautioo and
small team of staff. Applicants must be qualifed (Che
 Preference wil he given to those appllicants who are
familiar with the requirements of peosioo fouds and bave
experience of a computerised accounting system familiar with the requirements of poosio fuods and bave
experience of a computerised accounting system. Please uriue, with full personnl, career and solary detalls ${ }_{\text {to }}^{\text {PERSONAL }}$
$\underset{\text { R.K. Stroud }}{\text { Fund }}$
SOCLAL WOREERS PENSION FUND
$93 / 95$ Borough HIgh Street
${ }_{\text {London SEI INL }}$

## Finance director

West Yorkshire, c $£ 17,500+$ executive car

For a consumer products manutacturer operating in a growth merket and
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Reporting to the General Manager, you will assume full responsibitity for all
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find ways of Improving bottom lina performance further still. find ways of Improving bottom lina pertormance further still. Qualifed and in your 30 s you should be commercialty aware and have a
successfut track record in tha financial management of manulacturing companies.
Resumea Inctucing e dayytime telephone number to Victor Luck, Executive

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|  | management consultants |
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$\underset{\text { Fidelity }}{ }$

## Financial Controller

$£ 25,000+$ car


 exposure to an fm.m.e or markecing environment and should possess the experise and personal quabieres to $\star$ I mpolement financial andyysis. planning and reporing $\star$ Ensurue he effectiveness of D.P. sissems
$\star$ Ensure che ffectiveness of D.P. spseens
Reporining octhe Grour Financial Director, dis sple will ofloping and progressing environment

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## NABISCO BRANDS smins onsion FInancilal Accounting Manager

 c£14,000+car Reading

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- axple tonce in industry/commerce real achievemant in your career to
date
- keen to extend your experience and improve
essential for yo
maniagement
    - a stimulating, multi-disciplinary arvironment
    - exposure to the latest business, financial and DP
techniquas
opportunitias to work overseas - ahort or
term
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Divisional Controller
Project Evaluation
\& Control


 The need is tor a a ualried accountan





 Athur ronmucconomwumene con
 Arthur Young McClelland Moores \& Co. Amewe

Special Project Accountant Surrey c E12,500+ear






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Hoggett Bowers
Financial Director
Leeds, c.f27,500 + car etc
Our client a subsidiary of a British public company, is the paront of a well
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proiect nunagement for the ecivil. mechanicatilelectrical and procarss sysineer
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ill have full authorily to review all systerns for fineneial control. budgenting,


kills with sound finanneial lechniqua and outstanding leadarshhip qualities
H.1. Fizzupeh, Ref: 20219.FTT. Male or female candidates should telephone
confidence for a Personal History For



## Group Planning



## Tax Manager

Oillindustry
London
Cormpert is a British independent oil worddwide on and offshors expe exploration and production interests. . t tow wow seeks
Tax Manager, preferably a qualified Tax Manager ppreferally y a qual fifeed
Accountant, with provent Accountant, with proventax experience
gained in the oil industry or a protesgained intheoil industry or a p pol
sional firm with retevant cients. This make anidentiriable conlin
company's scevelopment

International Corporate Consultancy

## London

 Based

DEpssico are a multinational organisation involved in beverages. foo
 Their Europero
Their Europeancorporale review team is responsible for advising on a wide
range of financial and management procedures and conirols. As a result of the
 Proficiency in a second language is ideally required. preferably $S$ panisb, French or German. Based in Leons indea. approx
Anexéllent salary package is offered plus genuine opporunities fo



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alsoberesponsibite for all compliance
work This is a aey position enablingyouto
make anidentifiable connribution to tha
and working cosesly with
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financiel ando operaional Contact David Tod BSc, FCA
 Manajement

Chief Accountant

Northern Home Counties c. $£ 17,000$

This highly successful, profitable and progressive British
manufacturer is an acknowledged leacer in is ficid witit manuisacturer sis an accunowtexged leander in its ficld wittion
worldwide turnover of around E55m. Finchis new appoinmenent you will be responsible wo th. Finanis new appomment you wiil be responsible to the
dealing with all frimancianagand and a mana-grongemengeparment
 Aqualifed edrcounceant in your midd -30s, you must have art least three years' indusstial experience at at asimilar level, preferably in a manuffecturing environment.A know
compur-based sysians and well developed man--
management skills arc essential manazemementsed skills arems assentwel.
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## Accountancy Appointments

## Oil Industry

recently qualified accountant


## Operational Audit <br> European Group

## Central London

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Control Function
Working within a influential role e encomp professional team you will enjoy a wide and systems, procedures and conirols of the UK company's $H$ Perd Offer
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company is plannime the installation of EPOS as store level und company is planning the instailation of tPOS al store level, and anew
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This position will appealify you are looking to gain experience in a fast moving environ men and have the seli-motivaton, ambition and inteppersional skills
responsible postion. Toapplypleas
ref $J B 7141$


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c $£ 13,000$ p.a.
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development of computerised accounting systems. The ability developiment of computerise
to manage staff isessential.
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Brian G.Luxton.
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Mexaindretic
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37, Golden Square London WIR 4AN.

## Accoumtant

Corporate Administration
London - from $116,000+$ mortgage subsidy


## Financial Director

## Hampshire

c玉15,000 + Car
A subsidiary of B Brisishblue chip rgup, he Company employs 300 people


Whiss plasing an aciverole sa a member of hichly professional managem learn. you will beresponsible for the financial managemeni of the company and
for ihe provisiooctall nancia and management iniormation.
 managementexperience ina manuaracurinc environment relyive pootheus Iorecasisife sectectriail experience althoug hnot essennenial, would be xtremety vefefu.
Terms of empiol mem rere excelent and ioclude five weels balidy, private wher appropiate.
To applpplease wilic to David Lloyd enclosing full Curiculum Vitae quouing
retercece FT744.


Loyd Chapman
Associates
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## Director of Croup Finance

 LondonC. $820,000+$ Car

Our client is a rapidly expanding company in the inting and drawing office equipment industries. This is an outstanding opportunity for a qualified accountant who has an industria//commercial background. Candidates, who will be in an age range of 32-38, are likely to. be presently responsible for the accounting function including the prepara

The position reports directly to the Chairman. The selected candidate will have overall responsibility for all include preparation of the Group's financial and manasement accounts, as well as profit and cash planning. Involvement in management decisions is integral to the position and romotion to the Board may be expected
The remuneration package includes an excellent salary pus car, as well as membership ofivPA and a pension scheme
Please send a comprehensive résumé, including salary history and daytime telephone number to:
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Kentucky Fried Chicken Financial Accounts Manager and Audit Manager
Kentucky Fried Chicken is one of the World's leading quick-service food groups, with both Franchisee a
Our continual expansion requires us to recrit Financial Managemant to
be based at our new Head Office in Camberiey, Surrey. FInancial Accounts Manager - Applicants should be ACA or TCA qualified with experience of man-management, preferably in Audit Manager - Applicants should hava previous experience in Auditing, be part-qualified to CMAAACCA and prepared to travel extensively throughoul the country. Successstul applicants will have a confident and riendly personaity, probably aged around he years and alary will be individually negotiated and tringa benefitis include a nduction training into the business. Re-location expenses will be paid where necessary.

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Strand
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Tel: 01.2407805
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## Financial Controller

up to $£ 17,709+$ car

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The Finamcial Controniter will be expectrod to sect up ond


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 Plesese wrix with full cr details by 26 J anuary 1984,
 Wh P\& Ferries

## Director of Finance

## LONDON <br> c. $\mathbf{f 1 6 , 0 0 0 + C a r + B e n e f i t s ~}$

Our client is a leading Housing Association managing 4,000 dwellings and developing 300 each year including low cost home ownership
A qualified accountant with at least five year experience is required to manage 16 staff includ demonstrate good communication and reporting skills as well as the ability to adapt to a rapidly hanging environment.
As part of the Management team, headed by the
Association's Director, the Director of Finance will have a central role advising on policy matter and negotiating with the association's financia

Further details write or telephone:
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Accountant/
Financial Director (Designate)


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## Management Accountant

Kent
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This is a stimulating opaning for a qualified ACMA which carrias quite
definite BOARD PROSPECTS. The company operates within the process industry and is.on
which form a large division of a major intemational group. it has a steady and profitable growth record and exports the major part of Reporting to the Managing Director you will be exparienced in modarn
management reporting techniquas and will be responsible for the whole accounting function, which is computerised.
Aged $35 / 45$ you muat be abla to demonstrate te chnical compatance couplKnowledge of batch costing and exporting are highly desirable.

Telephone 01-247 9431 (24hr service) quoting Reference 0914/FT. Reed Ex
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## Chief Accountant Basingstoke




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Salary is negotiable and accompanied by the usual
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## FINANCE DIRECTOR

Edinburgh
To £23,000
A maior electrical engineering group. based in Edinburgh with
operating unis This chalienging position offers signiiccant scope. particularly in areas of financial control and srstems development wilhin a manatacturins organisation which is currently undergoing
substantial restrcuturing and strengthening. Candidates 3845
sould be qualihed accountants currently working in the
considerable knowledzee of contracl accounting for large capital projects and export finance. The successful candidate will be package is offered
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For confidential application form telephone Lorna Dinning on
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Vine Lane, Newcastile upon Tyne. NE1 iPUU.
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RECRUITMENT
GROUP
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## Young Chartered Accountants

S.East\&Midlands

To£15,000

 make their first move into industry. The workl coveving both management and financial
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## Phillipss Carpenter

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Finance Director Designate

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## accountant

(ACA/ACCA/ACMA)
Apollo Computer (UK) Ltd is an exciting computer
company which designs, manufacturers, sells and supports intergreted hardware/software, systems. Due to the impressive growth of Apollo, a vacancy
has arisen for an Accountant et the Berkhempstod has ansen ior
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e broad based financial knowledge preferably in a e broad based financial kno
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The competitive salary package includes non-conPlease send CV's and accompanying letter
嗃 Mrs
Mrs Catherine Voak,
Personnel
E $\begin{aligned} & \text { Personnel Administrator, } \\ & \text { Apollo Computar (UK) Lid, } \\ & \text { Bulboume House. }\end{aligned}$

Gossoms End,
Berkhamsted, Herts HP4 3LP

## QUALIEIED COMPANY <br> ACCOUNTANT

preferably with post-graduate qualification, i.e. MBA
or relevant business degree, required for a group or relevant business degree, required for a group of companies in West End,
Prime responsibilities will be to the company's frime resial director for the whole accounting function including preparation of monthly financial state-
ment, half-yearly management accounts and annual ment, half-yearyy ma
statutory accounts.
It is intended to computerise the accounting will be an advantage.
Salary will be negotiable.
Please send your c.e. (indicating current salary ard daytime
telephone number) to: Box A845, Financial Times 10 Canne telephone number) to: Box A8445, Financial Times, 10 Carnon
Street, London ECAP $4 B \mathrm{Y}$.

ContiCommodity ServicesLimited
is looking to employ a

## hmancial futures speciaust

The salary package will be attractive for the motivated professional who is prepared to work field.
CVs (which will be treated in confidence) should arrive no later than 20th January 1984 and
should be addressed to

The Personnel Department World Trade Centre, London E1 9A


## International Appointments



## SAUDI ARABIA <br> CHIEF aCCOUNTANT

£15,000 tax free + Bonus



 paritulter abilty in the folowings areas would be a dil
adranage
$\quad$ Crodit Conrol $\quad$ Timely Reportung



Please reptl with full c.v.s to Box A2439, Financial Times
10 Connon Street, London EC4P $4 B Y$

## Financial Controller

## France

A successstul UK owned European retailing group has a programme of planned accuisition which will taka its sales thls year to $£ 80$ million. lts eadquarters are in France near Paris.
The business is seeking a Financial Controller whose prime responsibility national boundarios of group accounting and control systems across contribution to corporate pollcy and operating success.
Caindidates should be qualified accountants, probably in their mid $30^{\circ}$ s fluent in French, with a strong backgroundin inance as well as control and systems in a muttister retair compary. Anyone eaming less hhan environment.
Excellent benefits including relocation and career prospects.
Pliase wirte - In confidenca - giving full details to David Dodd, ref Please
Bititit

HAY-MSLL.Solection and Adverisising Limited,
Cominmomen


MANAGEMENTSEIECTION


## E.P. SCHLUMBERGER

Internal Audit/Budget Control paris


 ence, including a



## Schlumberger



INTERNATIONAL APPOINTMENTS APPEAR EVERY THURSDAY

RATE £34.50 PER SINGLE COLUMN CENTIMETRE


The Royal Hong Kong Jockey Club

## EDP Audit Manager

Negotiable around $£ 23,000$ p.a. plus end of service gratuity (initial 3-year contract with renewal option)
The Club administarf horserracing at two race cuurses. Taciliies Ior 10.000 members and elliegal betingin Hong Korga, Beting tumoveris in excess of st,
sophisiticated real-ime netwoik comprisishy over tenmaios syitem ssuppors inexcess
 Clubcommunications lines are in use. Hardware and sofitwere sell-suticiciency is ine Club s policy.
The EPP Audit Manager administers around 24 full-ime and 15 part-time staff who
conduct toperational and EDP eudit reviews, and acts as deputy to the Audit Controller. Candidates eged 32 plus, must have al least 8 years programming and EDP audiling revious management experience and doboveeverage techinccal skills sere essentiai, and tamiliarity with he development of
supplied to short-listed candidates.
Salary is negotaiale around 1 HK 5270.000 p.a. plus substanbial expetriate benefits and
club membership. End on service gratuity is around $25 \%$ of monthly eamings over the contract period. Current Hong Kong personal taxation is equivalent to $16.5 \%$. in this instance, we shall be discussing the applications with our client before arranging
prefliminary interviews. Please write- in conidence- to Colin Bexon, ref. B17379. HAY-MSL Selection and Advertising Limited,
52 Grosvennr
Gerdens, London
2 Grosvenar Gerde London SW1W OAW

## py $x+2$ <br>  <br> MANAGEMENT SELECTION

## Senior Foreign Exchange Dealer-UAE

Substantial remuneration package
Our cient a major financial institution based in the UAE, has a vacancy for an experienced Serior Forcign Exchange Dealer The post requires around 5 years of experience in foreige exchange
trading (spon, forward and swap) and in money market operations, trading (spot, forward and swap) and
Pef Preferred applicants will be aged around 30 , with a university degree
and/or Insifute of Bankers Diploma and fluency in English and Aralic.
Remuneration includes a basic salary approaching $\$ 60,000$ plus free
furrished accommodation and other major benefirs. Please witie in confidence to M JB Fing, enclosing a detailed Einst \& Whinney Management Consultans

## USA-Corporate Finance Director Designate


The work will involve priocipally the negotiation and documentatioo of propert
transsctions, foanoclal/bankiog artangements and commercial aod corporate rramsactions



 ight cardidat
Heron International PLC
HERON

## SENIOR BANK Credit Officer

A major national bank in one of the Gulf states seeks a senior credit officer to manage a depart
ment with a growing portolio of domestic and international loans. Responsibilities will include a strong role in defining credit policy, portfolio management policy, developing credit administration procedures, supervising and training local cred staff, reviewing proposals submitted for appro and active
credits.

A minimum of 10 years of credit related experience is nacessary. The candidata will have a varied background whin major international bank includ-
ing significant lending experience covering a variety of geographic and product areas. Education to a degree level with additional credit related profes sional training and course work is expected.
An attractive compensation package is negotiable. Some travel is necessary. Please write giving details of your career to date to:



## CONTRACTS AND TENDERS

REPUBLIQUE DU ZaIRE
department des travaux publics ET DE L'AMENAGEMEIT DU TERRITOIRE OFFICE DES ROUTES
ppel d'offres no OR/SGMTP/006/CA/83
AUIS D'APPEL D'OFFERS IHTERMATIOAAL

OBJET DE LAPPEE OOFFRES












 OFFICE DES ROUTES
shafali busiku
SHAFAL BuSIKL
Administrateur Oirecteur $\begin{gathered}\text { J. BAUOOIN } \\ \text { President Delegue General }\end{gathered}$

## EDUCATIONAL

THE INTERMATIONAL SCHOOL OF LONOOK
Crowndale Road, London NW1 ITR
Frirs one full ano two partul
tenteble from Two Partial scholarships
tenable from bet sppember 1984
boys and gints aze 1116 on that date
Courses lead to GCE ' $O$ ' level and to universicy entry by way


## CLUBS

Waty
MOTOR CARS
TAKE THE PROFIT
ON YOUR NEW CAR
INESTMENT WUY VIA Mrcae pagy jpin WYYCAR

# 28 <br> <br> TECHNOLOGY <br> <br> TECHNOLOGY <br> PACIFIC LAUNCH FOR UNORTHODOX SPACE VENTURE <br> <br> Rubbish bin rocket set to fly 

 <br> <br> Rubbish bin rocket set to fly}

Financial Times Thursday January 121984

North Sea oil recovery project

## BP looks to innovative tanker for profits from small fields


by andrew fisher. shipping correspondent


## BUSINESS LAW

## An optimistic view of the British patent system



## By A. H. hermann, Legal Correspondent



## The most sought afterprime position anywhere in the world is open to offer until February 23rd.

If Eros is the symbol of the Circus, the junction ofRegentStreetandShaftesbury horizontal according to demand. illuminated signs represent the character. The lights are a national symbol and part of London's heritage.
Land Securities offer what can justifiably be described as a unique opportunity for another company to join such famous names as Coca Cola, Fuji Film, The Location
The Location The display screen is located at the

The Licence
A new 5 year licence is to be granted This will carry a fixed annual fee and a nominal service charge but not includ lectricity.
The sign shall be constructed, installed and maintained by the company nominated by the owners at the licencee's expense.


## SECTION III - INTERNATIONAL MARKETS FINANCIALTIMES

Year of the Pig has spring in tail for Hong Kong, Page 32

WAL STREET
Fuel for
advance
is elusive
A MORE subdued trading session pects for an improvement in the bond fuel a furthich is thought necessary to Terry Byland in New Yoik
Hopes of a tall in short-term, rates were fiustrated hy a further rise in thes
key federal funds rete key federal funds rate. Long-dated
bonds werea ahade easier and the stock
market was also on the dull side Twe market was also on tithe dull side. Tuck-
over there was well below recent levels. By 2pm the Dow Joones indusustrial avFed funds opened at 9.68 per cent,
against the 9.06 per cent of the previous session, and then moved up to $9 \%$ per cent At this level, the Federal Reserve
Board entered the market with a further
$\$ 1$ inn in cistomer repurchase arrange Sinn in customer repurchase arrange-
mints.
mhe Fed's move, regarded as technical aid to the market, did little to change
views of official credit policies. The views of ouficial credit policies. The
stock market still awaits an indication
that the Fed intends to slacken its. that the Fed intends to slacken its mone-
tary grip in the exext few months. Fdeder
al funds later edged up to 9 9nho per cent.



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helers

THE THREAT of higher interest rates ure depressed giltt-edgod securitites and
urought leading London equities down hrought leading London equities down
to earth yesterday.
With lower early bond values in the With lower early bond values in the
U.S.selected highb-cupon gilt ended
and U.S., selected hish-coupon gilts ended
down 11 points. The shorts closed with
losses extending to $\%$. losses extending to to
Fairly
in
heavy protitaking developed in popular blue chip shares. Jonbers
were revuctant to take stock on their books so near to tomorrow's close of the
current trading account current trading account Ordinary index closed 6.8 down at 790.0 .
Distillers, which has shown particular strength lately on takeover particulars, shed $7 p$ to 259 p , while ICI closed 12 p
lower at lower at
Details
Bage.
Dervice, Pages 34 , 33 , Share information

## HONG KONG

ENCOURAGEMENT was taken in Hong
Kong from Chinese comment on the fur ture of the colony and prices closed higher in very heavy turnover.
The He trang Seng index ended at
highest close since August 31 ;pp 21.13 to Hutchison Wharnpoa added 80 cents cents to HK513.30 while Swire Propert
 cents to HK55.40 and HKS18.40 respec
tively.
Year of Pig has spring in tail, Page 32 SINGAPORE
SPECULATIVE buying alternated wiil profit taking in Singapore where shares
closed narrowly mixed. The Straits
TTies Times Industrial index slipped 0.15
points to $1,030.708$.
There was an easier undertone attribThere was an easier undertone, attrib
uted to a technical correction following
uthat some what some see as the overbought posi:
tion of the market

## TAIWAN

STATISTICS showing that Taiwan's exports the impetur to take the stock ex
vided the
changes weiphted index change's weighted index up 8.80 to a re-
cord 783.47 , con prear
previous peak of 780.18 with Monday's previous peak of 780.18.
A series of advances
A series of adavances in the last week -
which were halted hy bout of selling
on TTesday - are which were halied ay a bout of seling
on Tressay are a atrinited oxport
growth and continued confidence in an economic recovery.

## AUSTRALIA

IN MODERATE trading, Sydney turned
mixed to weaker as the market consolimixed of weaker as the market conso
dated after record-breaking gains in the Industrial issues were steady while mining and resource stocks were sold
Overnight trading formed much of the day's volume, hrokers said

## SOUTH AFRICA

GOLD SHARES recovered from a smal early decine in Johanneshurg as the
hullion price firmed to around 5388 . Among hearyweight producers, Fre
guils added R1. 50 to R42 while of the cheaper priced issues. Unisel rose 50
ceans to R1.70.

## CANADA

A WEAKER start in Toronto left prices
moving in a narrow range in quiet trad moving in a narrow range in quiet trad
ing. The gold sector, which had receive a boost in the previous session in line
with a firmer bullioo price, jed the re$\underset{\substack{\text { Wreat } \\ \text { Mital } \\ \text { Metals }}}{\substack{\text { an }}}$
Metals and minerals issues were also marginally weaker hut a small advance
was achieved by the oil and gas sector.
Montreal was also Montreal was also lowe overall with
industrials. utilities and benks all weaker hut hanks were steady.

токYO
Return to
a mood
for records
RENEWED BUYING of bank equities
took the Nikket-Dow market average to
another high in Tokyo yeterday, with
another high in rokyo yesterday. wis
investors also selecting high-priced is-
sues after adopting a handsof attude
in the morning. writes Shigeo Nishiwa-
$k i$ of
The Nikkeel-Dow index climbed 56.30
points from the previous day to colose at points from the previous day to closes at
10.072.51. eclipsing the previous high of
10,033.71, reached on Monday. Turnover 10,053.71, reached on Monday. Turnover day's 425.46 m . Advances outpaced de
clines 383 to 360 , with 138 issues un-
changed
chaneged
Reflecting persistent investor concern
over the rapid upsurge in share prices,
Kokusai
Denshin Denwa
(KDD), JJmonopoly, and othher highmprimed specc-
lative issues were selected in early
trading
$K D D_{\text {shot }}$ up
$Y 500$ at one stage and ended at Y16,790. up Y190. Nippon Tele-
vision Network posted a maximum al-
lowable rise of $\mathrm{Y}, 000$ to $\mathrm{Y} 9,000$, while coho, an important. film company,
climbed Y490 to Y7,990. The shamp rises
of those issues reflect investor expectatons of stock splits.
Fanue advanced
 Lines Y360 to Y Y Y,450. Also Japan Airm
firere
pharmaceuticals,
 In the afternoon session, banks they will soon issue neww stocks priced at
par. Fuii Bank 5 firmed Y 65 to Y 645 Sumitormo Bank Y40 to Y670, Mitsuhishi Bank Y37 to Y610, Sanwa Bank Y40 to Y600
and Tokai Bank Y20 to Y510. In issues sensitive to commodity mar Ket fluctuations, some textiles and foods
attracted buyer attention, with Asahi attracted buyer attention, with Asahi
Chemical Industry rising Y Y 8 to Y 468 and Takara Shuzo Y28 to Y488.
Bluechip stocks remained out of



#### Abstract

Uncertainty over the dollar and U.S. interest rates were also factors influenc- ing trading in Zurrich, where prices closed lower although, several prices were recovering towards the eod of the session. Some profit-taking was registered in hanks and financials. Bonds closed narrowly mixed with the previous day's news of lower inflation in 1983 failing to encourage investors. The Amsterdam market continued Correct and prices fell across the board. The APN-CBS index shed 2.4 to 161.9 While most losses were moderate. few issues managed to avoid the trendel fub- lisher VNU dropped $F 12.70$ to $F 1$ 153.30 despite an announcemeot that profits for 1983 wound be considerably higher than earlier expected Insurer Amfas, which announced the Insurer Ampas, which announced the previous day it would reduce its work- force by about 30 perc cent, fell $F 110$ to $F 1$ i60. Bond prices were flat to slightly lower in sluggish trading folloting ing terms for a new state issue. Moderate trading in Brussels took the BeIgian Stock Exchange index to an- other 10 -year high with a 0.36 rise to 139.62. sut apart from the strength of oil stocks and non-ferrous metals, the tone was mixed to depressed. Market leader Petrofina was up BFr 170 to $\mathrm{BFr} 8,440$. Bourse operators noted some profit Bourse operators noted some profit taking in Belgian shares following the lower trend on Wall Street ${ }^{1}$ Meanwh wh the Belgique announced it had spent the equivielent of BFr 6.3 itn in the wpeekt the ing January 9 to offset the rise in the ing Jor. Paris finished mixed in moderately active trading dominated hy profit-taking. her state-cwned Renault announced foreign sales, and Peugeot's st arbonny tiant at Poissy at Poissy restarted production. Peuge dipped FFr 1 to FF 227. Stockholm closed sllg moderate tradinge, Maitrid was led up- ward by bank issues; and in Mian ward by bank issues; and in Milan prices rose across the board in a market spurred by a surge of spurred by a surge of buying interest in Fliat stock. In Copenher a peap on Tuessday fell back sharply at the failure of Mr Poul Schlüter, Prim Minister, to secure a firm pariamentary majority for his coaliton government in the general election.





AMERICAN STOCK EXCHANGE COMPOSITE CLOSING PRICES



## WORLD STOCK MARKETS

| Honcosone |
| :--- |
| Year of Pig |
| has spring |
| in tail |

AS THE Chinese lunar Year of the Pig
draws to a close, Hong Kong stockbrokers are discovering an upward curl in
its tail Since January 3 , wben local its tail since January 3 wben local
stock markets reopenee tor business,
the Hang Seng index has risen by the Hang Seng index has risen by al-
most 11 per cent, to close yesteridy's
 urites Pobert Cottrell in Hong Kong. It is not yet by Hong Kong's volutile
stock market standars, And unilike other world, markets, Hong
Komg is not titting naw
The Hang Sentime highs. Kong is not hitting new all.time highs.
The Hang Seng index has been wallow-
ing in the $800-1000$ band for the last year and is recovering now to levels which it
last saw in August to September 1983. But local analysts are partcularly
heartened by the higb volume of busiheartened by the higb volurne of busi-
ness being seen this week a s sign that
both local and overseas investors are re tourning to the markes, and that buying
interest is sufficiently strong to absorb intermittent selling pressure from local nveswo profits In the dog deys of 1982-33, a combined
daily turroover of HKS100m or less on Hong Kong's four stock excchanges was commonplace. OU Monday of this week,
by contrast turnover topped $\mathrm{HKs} 350 \mathrm{~m} ;$ by contrast, urraover topped HKS330m;
on Tuesday HKS287m; and yesterday, a half-day se
Annalysts point to a range of factors -
political economic and speculative now moving the Hong Kong market On
the poolitical front. China is clarifying further Britaing plans fease the over moony's furture after Britain's lease over most of the tee-
ritory expires in 1997 . While there is ample room for scepticism some investors seem inclined for the time being to see
relatively hopeful signs. Mucb of yesterday's excitement on the
stock market was atributable to $a$ a
specc


| A typlcal beneficiary of the export re- |
| :--- | :--- |

AMERICAN STOCK EXCHANGE CLOSING PRICES .

|  |  |
| :---: | :---: |




## Threat of dearer credit leaves Gilts down $1^{\frac{1}{2}}$ and









FT-ACTUARIES SHARE INDICES




## AUTHORISED <br> UNIT TRUSTS

## FT UNIT TRUST INFORMATION SERVICE



F.T. CROSSWORD
PUZZLE No. 5,314 Across
$\left.1 \begin{array}{c}\text { Pile into } \\ \text { criticism ( } \\ \text { club to }\end{array}\right)$ get blunt 5 Place where the artful work
(6)
(Businesman 10 Gain support by canvassing
wharts beaten and rising
(4) 11 Atlanta, for example, is 12 Thruyet halif ${ }^{1}$ down for 14 Breakfatt ${ }_{\text {tougb }}$ item could be 18 Fivan's member to fanish with
one siga of hesistatioo (a 22 Nat. fith to make printed
material ( 6 , min 23 Brililiant musician eodiessly
superior wihtia is upright 24 Before this cime? No, we're 25 Degradiog row at back
court (8)
26 Bourteous rebellion? (8)
${ }_{27}^{26}$ Uneantess ? Work more ! (8)

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2 Where certain post has yet
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Gifl 3 Girl holds a, right to self-
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7 Sort of blonde miss, It
used to keep fit (44)
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${ }^{15}$ Cooe seather (3-5) io summer weather? (3.5) 16 I am coal-producer to book 7 Bargain and hic the soft
stuff $\left(\frac{1}{4} 4\right)$ 9 Demonstrate at Lord's $\rho$ (6)
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stupid (6)

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## COMMODITIES AND AGRICULTURE

## Speculative buying triggers new highs



## PRICE CHANGES

Storage aids for farmers approved

## 











## mo

 sww

## 



Brazilian soya crop estimates seem over-optimistic


## BRITISH COMMODITY PRICES



CURRENCIES, MONEY and CAPITAL MARKETS FOREIGN EXCHANGES FINANCIAL FUTURES

## Further records for dollar



THE POUUND SPOT AND FORWARD


OTHER CURRENGIES

sultina tatan.
EXCHANGE CROSS RATES

| Jant 11 | Pound detang Les Boblat |  | Iosutachmm | ${ }^{2727}$ |  |  |  | fan Ura Canade |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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| Poutrobemati, |  | ${ }^{\text {P }}$ | ${ }^{1} 1.12$ |  |  | 0,798 | ${ }_{\substack{11.88 \\ 1.060}}$ | ${ }_{7}^{60519} 5$ | \%.efe | ${ }^{200.51}$ |
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| Outch Gulder | 0.417 | \%ism | п.g98 | 7ebise |  | (i.720 | ${ }_{1}^{1.157}$ | ${ }^{\text {eease }}$ | ${ }^{\text {e. }} \mathbf{0}$. 298 | ${ }^{188.11}$ |
|  |  | 90:775 | \% 9.978 |  | ${ }^{\text {cioge }}$ |  | p:.beis | 15827: | $9.1{ }^{1}{ }^{1}$ | ${ }^{4.60 .15}$ |

euro-currency interiest rates (Market closing rates)


London rates remain firm


## Record volume



## COMPANY NOTICES



## ONTRACTS

MoD places $£ 12 \mathrm{~m}$ order with Marconi



## Gulf United Corporation

 has sold itsInsurance Businesses

American General Corporation

The undersigned acted as financial advisor to
———

## Lehman Brothers Kuhn Loeb

NEW YORK - ATLANTA - BOSTON
hOUSTON CHICAGO - LOSANGELES - SAN FRANCISCO - LONDON - TOKYO
Janusys : 1 sed

## Southern Pacific Company

Santa Fe Industries, Inc.
have combined to form
Santa Fe Southern Pacific Corporation

The undersigned acted as financial advisor to

MORGAN STTANLEY \& CO.

[^2]
## SECTION IV

 FINANCIAL TIMES SURVEY
## Manufacturing Automation

Major technological developments have made possible the sudden and rapid growth of the manufacturing automation market in the last few years. Some of the world's biggest companies are already competing for a share of the rich rewards. Others will soon follow






Motor mannfacturers are among the heaviest investors in
amtomation. Above: a sixearts
KUKA industrial robot mounting a wheet on a Ford Escort


## ALLEN-BRADLEY

## Productivity Pyramid Builders

The Pharaohs didn't have the benefits of automation It took them a
etime to build their pyramid, Allen-Bradley has built a modern pyramid of lifetime to build their pyramid, Allen-Bradley has built a modern pyramid o
industrial control to help speed up your decision time Increased productivity and quality demand level
previously unobtainable Greater automation in turn demands control systems and communications networks to link all facets of your operations. Plants of the future will have totally integrated control All production
processes will be co-ordinated from top to bottom and at all levels in between This will enable management to optimise productivity and product quality while providing for future flexibility.

The source you select for development, operation and integration of your control systems is critical. The choice you mak.

Allen-Bradley offers you an unequalled combination of capabilities, an unmatched reputation for quality, a complete spectrum of control products, skilled people with knowledge and understanding of virtually every major
industry; a comprehensive range of services from product applications assistance to start-up support and user training, from software to service contracts, world wide.

Allen-Bradley provides the building blocks for the Productivity Pyramid.

The quality range of factory hardened automation products Alen-Bradley has developed, ensures that we can satisfy virtually through limit switches, motor controls, AC and DC drives, programmable logic controllers, to the complete control facility of Data total management control. Product is only the start of our capability -we can help you with customer support services, product warranty, An this - world wide

An this - world wide.

Technological developments in only a few key areas explain the industry's sudden growth. Here the major advances are considered.
'Seeing' machines take their first steps


## ATLAST,A BRITISH COMPANY WITH A SYSTEMS APPROACH TO FACTORY AUTOMATION

Those firms in manufacturing industry, large or small, that don't automate will decline rapidly in competition with the increased efficiency of those that do.

Yet, for many companies, automation remains shrouded in the mysteries of complex technology and computer jargon. Rediffusion Robot Systems is the first British company to cut through the jargon and provide
complete systems solution to complete systems solut
automated production.


We'll design, develop and project manage an automation system - from the smallest production cell to a full turnkey factory - in line with specific manufacturing requirements.

To do that we'll evaluate and apply the latest machine tools and production hardware, along with the most advanced techniques of computer control. We'll also write the software that brings it all together and, before going any together and, before going any
further, prove the entire system using a computer graphics based using a comp
simulation.
At the centre of our systems is Reflex, one of the most advanced intelligent robots in the world and now being manufactured in our UK factory. We've also recently become a partner in Visual Machines - a new company set up to produce revolutionary computer vision inspection systems based on echnology developed at Manchester University's Wolfson mage Analysis Unit
All that, combined with the support of the Rediffusion Group itself a leader in advanced technology computer applicationsfom office systems to aircraft fligh simulators), places us in a unique position in the factory automation usiness.
And, while we can't promise

to make the complex technology simple, we do promise to make it

For more information please contact our marketing department.


## MANUFACTURING AUTOMATION III



## Minding the quality and feeling the width



## Just in time to relieve the pressure




Using technology to build of related designs, retrieve and update literally thousands designs and drawings. It can also test design features, on screen, at a fraction of the usual cost.

It streamlines draughting, eliminates backlogs and leads to better overall design.

In fact, it could make your design team significantly more productive.

- IBM has been researching and gaining practical knowledge in all the fields that go to make up Computer Aided Engineering for more than 20 years.

That's why we're using our technology today to build our technology of
the future.

Users are beginning to realise that "islands" of automation must be linked together if they are to be fully effective

## Towards the integrated factory





Two Flexible Manufacturing Systems in action

## How increased flexibility can jeopardise reliability



Four years in the making







MANUFACTURING AUTOMATION V
This page and the next carry profiles of companies which have led the way in their own fields

## Ready to take on the giants





The importance of "quality management" to the survival of your business.


GenRad


[^0]:    INVESTMENT MANAGER
    
    
    
    

[^1]:    Men \& Matters

    Top draw
    

    ## 

    
    
    
    Hect

    At this price a modern factory or warehouse isa pleasant surprise. Ready tomove in to, down to the las
    coar hook- that's exceptional value. As are presige offices from $£ 7.00$ a sq. fi. all up. That's Peterborough Kings Cross. A city that's improved the productivity,
    output and profits for hundredso output and profits for hundreds of companies that have-
    moved here. Companies like Thomas Cook, Sodastream
    and Therm-A-Stor
    

    But you would expect all this in Peterborough. business en viron coment, is more of a surprise thana the
    Peterborough is a cathedral City fy oflife. Because Peterborough is a cathedral City surrounded by
    beatuiful councry-side supert homes spanning hree
    centuries; an extraordinary choice of cultural and beatuiful country-sidee superb homes spanning three
    centuries, an extriordinary choice of cultural and
    recreational activities. recreational activities.
    Perhaps this is why businesses thrive in
    Peterborough. Because peopledo Send for our information pack. You'll see that
    canexpect a great deal for $£ 2$ a sq. ft . you can expect a great deal for 2 a sq. fl .
    For your roppy, send the coupon or
    John Bouldin on Peterbarough ( 0733 ) 68931 .
    
    the Peterborough Fifect
    it works for people. Aswellasbusiness

[^2]:    December 23, 1983

